Callahan et al. [54] OPTHALMIC WAFER [75] Inventors: Wayne B. Callahan, Milton; Harold O. Koch, Barboursville; Philip R. Palin; James R. Cook, both of Huntington, all of W. Va. [73] Assignee: Cilco, Inc., Huntington, W. Va. [21] Appl. No.: 528,857 [22] Filed: Sep. 2, 1983 Related U.S. Application Data [63] Continuation-in-part of Ser. No. 516,341, Jul. 22, 1983, abandoned. [51] Int. Cl.⁴ A61F 2/16; C07H 5/04; C07H 5/10 [52] U.S. Cl. 536/54; 536/55.1; 536/118; 623/6 536/118

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[11] Patent Number: 4,638,056

[45] Date of Patent: Jan. 20, 1987

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[57] ABSTRACT

Damage to endothelial and epithelial cells subject to trauma can be substantially reduced by using a wafer of a viscoelastic material. This method is particularly useful when applied prior to ophthalic surgery, particularly intraocular lens implantation surgery. Lens implantation is facilitated by the compression of lens haptics by this delivery system.

8 Claims, 4 Drawing Figures

